



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				

<b>APPLICABLE STANDARD</b>			
RATING	OPERATING TEMPERATURE RANGE	-40 °C TO +85°C	STORAGE TEMPERATURE RANGE °C TO °C
	VOLTAGE	AC 125 V	OPERATING HUMIDITY RANGE % TO %
	CURRENT	1 A	APPLICABLE CABLE

**SPECIFICATIONS**

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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<b>CONSTRUCTION</b>				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	○	○
MARKING	CONFIRMED VISUALLY.		○	○

<b>ELECTRIC CHARACTERISTICS</b>				
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	40 mΩ MAX.	○	○
INSULATION RESISTANCE	250 V DC.	1000 MΩ MIN.	○	-
VOLTAGE PROOF	350 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	○	○

<b>MECHANICAL CHARACTERISTICS</b>				
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE 29.4 N MAX. EXTRACTION FORCE 29.4 N MAX.	○	-
MECHANICAL OPERATION	20000 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 60 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○	-
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 1.5 mm, - m/s <sup>2</sup> AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② CONTACT RESISTANCE: 60 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○	-
SHOCK	490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.		○	-

<b>ENVIRONMENTAL CHARACTERISTICS</b>				
RESISTANCE TO DRY HEAT	EXPOSED IN 85 °C, 500h.	① CONTACT RESISTANCE: 60 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55→15~35 → 85 → 15~35 °C TIME 30 → 10~15 → 30 → 10~15 min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 60 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○	-
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 °C, 90~95 %, 96 h.	① CONTACT RESISTANCE: 60 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. (AFTER DRY) ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○	-
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	① CONTACT RESISTANCE: 60 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○	-
HYDROGEN SULPHIDE	EXPOSED IN SO <sub>2</sub> 10ppm, H <sub>2</sub> S 3ppm, 70~80%, 96 h.		○	-

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
	FOR REFERENCE ONLY Subject to change without notice Unless otherwise specified, refer to JIS C 5402.	J. Miura 98.12.7	A. Funatsu 98.12.07	<i>[Signature]</i> 98.12.7	<i>[Signature]</i> 98.12.10

Note QT: Qualification Test AT: Assurance Test ○: Applicable Test		<b>SPECIFICATION SHEET</b>		PART NO. 3560-16P-PG
CODE NO. (OLD) CL	DRAWING NO. SLC4-120892	CODE NO. CL235-0016-0	1/1	

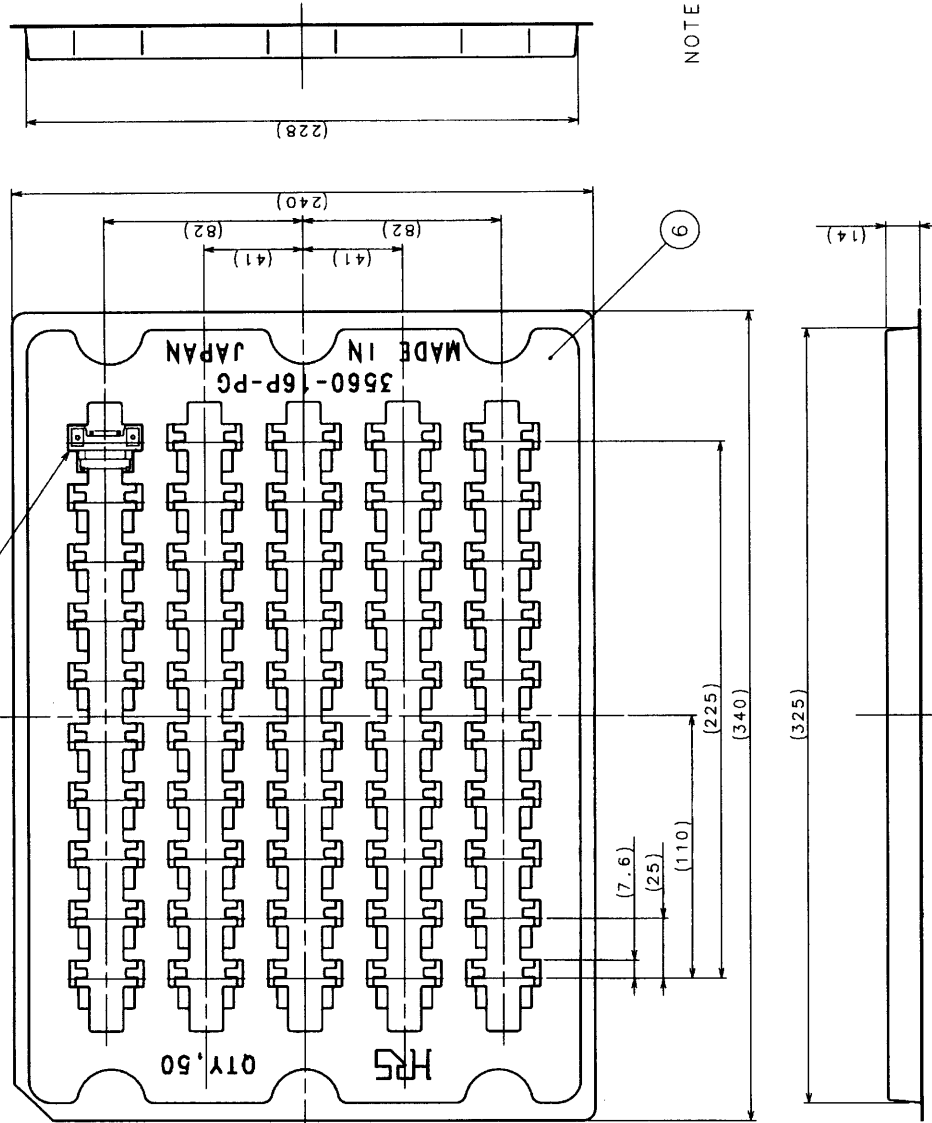
TO  
Q1





FIG-4. TRAY DIMENSION

CONNECTOR ORIENTATION



NOTE 5 CONNECTOR ORIENTATION IN TRAY  
CAVITIES SHOWN IN FIG-4.

6 CONNECTORS TO BE PACKAGED  
PER TRAY = 50 PCS.  
NOTE: PLEASE ORDER THE  
CONNECTOR QUANTITY.

FOR REFERENCE ONLY  
Subject to change without notice

5	6	7	8
COUNT DESCRIPTION OF REVISIONS	BY CHKD	DATE	COUNT DESCRIPTION OF REVISIONS

6	PVC	MATERIAL	FINISH. REMARKS	MATERIAL	FINISH. REMARKS
NO.	(OLD)				
PACKAGING SPECIFICATION		DRAWN	DESIGNED	CHECKED	APPROVED
SCALE 2 : 1		J. Mura	A. Furusaki	[Signature]	[Signature]
UNITS mm		98.12.7	98.12.07	98.12.7	98.12.10
DRAWING NO. EDC3-120892		PART NO. 3560-16P-PG		RELEASED	
HRS HIROSE ELECTRIC CO., LTD.		CODE NO. CL235-0016-0		HRS 7.2.74 USA	
8 FORM NO. 223		7		8	

TO	?		
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